

## Geometry 5.4 Assignment Answer Bank: Midsegment Theorem

11) You need to show the work.	A
15-18) They are proofs and there are various correct ways to complete them.	$\overline{AB}$
	$\overline{AC}$
6	AC
7	BC
7	Base angle theorem
10.5	Definition of angle bisector
16	Concurrency of the angle bisector
18	theorem
20.4	$\triangle MZX$
23	SSS
43	$\overline{XY}$
(2, 1)	$\overline{XY}$
(2, 2)	
(3, -1)	YB
(4, 5)	$\triangle YXZ$
(6, 3)	$\triangle ZOY$
(6, 5)	
(7, 9)	
(8, 3)	
(11, 3)	